

WHAT IS CLAIMED IS:

1. A device control apparatus serving as a self-device incorporating an IEEE 1394 interface to which a remote device can be connected through an IEEE 1394 serial bus, comprising a function of setting
5 a method of using the IEEE 1394 serial bus.

2. An apparatus according to claim 1, wherein the method of using the bus comprises indicating whether to permit or inhibit control from the remote device.

10 3. An apparatus according to claim 1, wherein said function of setting the method of using the IEEE 1394 serial bus comprises a first user setting of giving a high priority to operation of said self-device and a second user setting of accepting operation from
15 the remote device as well.

4. An apparatus according to claim 3, wherein in the first user setting, said self-device returns rejected responses to all operation commands from the remote device.

20 5. An apparatus according to claim 3, wherein in the first user setting, said self-device can turn off a power supply of an internal device of said self-device and also turn off a power supply of the IEEE 1394 interface or switch the IEEE 1394 interface to an
25 inactive state.

6. A digital video apparatus incorporating an IEEE 1394 interface to which a remote digital

device can be connected through IEEE 1394 serial bus,
comprising

a function of setting whether to permit or inhibit
control from the remote digital device as a method of
5 using the IEEE 1394 serial bus.

7. An apparatus according to claim 6, wherein
said function is written as predetermined device
control firmware in a memory, and
the memory, and a video display apparatus
10 constitute a digital television apparatus.

8. A method which can be used in a network
including a self-device having a function of receiving
a predetermined control command and performing
processing corresponding to the received control
15 command, and having a first mode of giving a high
priority to control on the self-device and a second
mode of accepting control from a remote device, and
at least one remote device which is connected to the
self-device and sends out at least one control command,
20 comprising:

in the first mode, causing the self-device to
reject a control command supplied from the remote
device; and

in the second mode, causing the self-device to
25 perform processing corresponding to a control command
supplied to the self-device.

9. A method which can be used in a network

including a self-device having an IEEE 1394 interface
for receiving a predetermined control command and
performing processing corresponding to the received
control command, and having a first mode of giving
5 a high priority to control on the self-device and a
second mode of accepting control from a remote device,
and at least one remote device which is connected to
the self-device and sends out at least one control
command, comprising:

10 in the first mode, causing the self-device to turn
off a power supply of the remote device and also turn
off a power supply of the IEEE 1394 interface or switch
the IEEE 1394 interface to an inactive state or power
saving mode; and

15 in the second mode, causing the self-device to
turn off a power supply of an internal device of the
self-device without turning off a power supply of the
IEEE 1394 interface.

10. A method which can be used in a network
20 including a self-device having a function of receiving
a predetermined control command and performing
processing corresponding to the received control
command, and having a first mode of giving a high
priority to control on the self-device and a second
25 mode of accepting control from a remote device, and
at least one remote device which is connected to the
self-device and sends out at least one control command,

comprising:

registering a predetermined remote device of the remote devices;

5 in the first mode, causing the self-device to reject a control command supplied from the remote device;

10 in the second mode, if the control command is not a command from the predetermined registered remote device, causing the self-device to reject the control command supplied from the remote device; and

in the second mode, if the control command is a command from the predetermined registered remote device, causing the self-device to perform processing corresponding to the supplied control command.

15 11. A method which can be used in a network including a self-device having a function of receiving a predetermined control command and performing processing corresponding to the received control command, and having a first mode of giving a high
20 priority to control on the self-device and a second mode of accepting control from a remote device, and at least one remote device which is connected to the self-device and sends out at least one control command, comprising:

25 registering a predetermined remote device of the remote devices;

in the first mode, if the control command is not

a command from the predetermined registered remote device, causing the self-device to reject the control command supplied from the remote device;

5 in the first mode, if the control command is a command from the predetermined registered remote device, causing the self-device to perform processing corresponding to the control command supplied from the remote device; and

10 in the second mode, causing the self-device to perform processing corresponding to a supplied control command.

12. A memory in which the method defined in claim 8 is written as firmware.

15 13. A memory in which the method defined in claim 9 is written as firmware.

14. A memory in which the method defined in claim 10 is written as firmware.

15. A memory in which the method defined in claim 11 is written as firmware.

20 16. A digital broadcast reception apparatus using the method defined in claim 8.

17. A digital broadcast reception apparatus using the method defined in claim 9.

25 18. A digital broadcast reception apparatus using the method defined in claim 10.

19. A digital broadcast reception apparatus using the method defined in claim 11.

20. A system used in a network including a self-
device having a function of receiving a predetermined
control command and performing processing corresponding
to the received control command and at least one remote
5 device which is connected to the self-device and sends
out at least one control command,

wherein the self-device has a first mode of giving
a high priority to control on the self-device, and
a second mode of accepting control from the remote
10 device,

in the first mode, the self-device rejects a
control command supplied from the remote device, and

in the second mode, the self-device performs
processing corresponding to a supplied control command.